

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: wdzeares@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [829] 30M QSLs for WAS, DXCC
Message-ID: <9607121636.AA18561@aud.alcatel.com>

The league will email you their position if you write them.
Basically, all 30M can count for a basic WAS or a basic DXCC.
However, you can NOT get a 30M WAS or 30M DXCC/5XDXCC...
72/73
Dennis K3ETS, Dallas

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Ron Giuntini <rong@slip.net>
Subject: [827] 40 9er w/no mods
Message-ID: <E0uekmL-0004qh-00@mouse.slip.net>

How many folks here have put together the 40 9er with no modifications? I am wondering if I should incorporate many of the modifications as I build mine or build mine and then change it around. Are there any "Must do" mods that I should automatically incorporate into the kit as it goes together? Or will it probably work fine as is and be improved by changes. Just wondering what the folks have experienced. Thanks.

Ron KB6GK
NorCal #1718
San Francisco

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: John Moriarity <k6qq@inet1.inetworld.net>
Subject: [840] 73, Hambrew etc.
Message-ID: <199607122038.QAA72804@nss2.CC.Lehigh.EDU>

Hi all,

Interesting that Wayne transferred ownership of 73 to his wife. Now he can go bankrupt without losing his soapbox (maybe). It's been a terrible mag for quite a while. I quit taking it in the 70's when I got tired of him missing issues when his personal problems (frequent divorces?) got him down. That and his bragging when he went to Europe to pick up his new Porsche every year!

Like everyone, I miss Ham Radio magazine. My life subscription was converted to CQ mag, which doesn't fit my interests at all well. Sigh...

I don't know what was said in Hambrew. I haven't gotten mine yet. For that matter, I haven't gotten the summer SPRAT either. Are they out?

I fear that there is going to be a shakeout (or hopefully, mergers) in the QRP magazine field. There are a lot of them, and much duplication of material. I'd hate to lose Hambrew, since their material is usually original.

Finally, I'm glad that John, N5INZ, approves of my using a Johnson Viking Kilowatt Match Box. My little Explorer looks kinda silly sitting next to it, but just take a peek inside: an inductor *edge wound* of BIG *rectangular* wire; interconnects of silver plated strap; BIG air variables; porcelain insulators. (Grunt, Grunt!) *Real* radio hardware.

Sorry for the flashback to my QRO days, I must have skipped my medication.

72/73,

John, K6QQ

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [798] A fatherless boy remembers
Message-ID: <199607120442.VAA02385@psnw.com>

Ron Doyle wrote:

>My son, Robert, who has just turned 10 years old, has expressed some
>interest in ham radio . This prompted me to pick up a kit at the Hamvention
>last May.

Ron,

When I was 10 years old I was so interested in radio I could barely stand it. My dad (a commercial fisherman) was just leaving for his annual summer trek to the fishing grounds of the Gulf of Alaska but promised he and I would build a crystal set the minute he returned in the fall. This was in 1951. Unfortunately he became seriously ill while in Alaska and died a short time later.

What you did with (and for) your son brought back a flood of memories about a fatherless boy struggling to build his first crystal set (alone) from the pages of the Boy Scout manual. It took months but I finally got it working and was thrilled to hear KGW in Portland, Oregon one crisp winter evening. I dedicated my set to my dad even though he was not there to share my joy.

I sincerely hope Robert will remember the time when he and his dad built a 40-9er together. What I wouldn't give to have done the same thing with my dad.

And.....

>This is the type of stuff that will hook those that have even the slightest
>interest in building. To Doug Hindricks, Jim Cates, Wayne Burdick, and all
>who have had a hand in making the 40-9er possible, Thanks!!!!
>

Amen to that.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [817] Basing for 2SC2075
Message-ID: <960712084513.206171ad@carib.vf.mmc.com>

Gang,

In a recent order from Danny's Small Parts, I got 2SC2075's as a replacement for the Motorola device I ordered. My data books on oriental semis are nonexistent. Anybody got pinouts? No, it's not in NA5N's book. I already checked that out!

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Doug Hendricks <ki6ds@mail.telis.org>
Subject: [803] Dinner with Colorado QRP Club Members
Message-ID: <199607120538.WAA27428@mail-01.telis.org>

I had the pleasure of meeting several of the Colorado QRP Club members tonight. We had dinner at the Country Buffet Restaurant somewhere in Denver, I have no idea where as Lloyd, W7SA0 did the driving. Rich High, W0HEP put it together on rather short notice, and I appreciate his efforts.

I am not sure of all the names, but here is a stab at it. Larry, Gabe Sellers, Al, Myron China, Steve, Jim Pope, Mrs. Jim Pope, Lloyd, Rich and I made up the group. It was neat to put some faces with the names. One thing that I noticed and commented to the guys on was that the Colorado group tends to be more intent on operating than the guys in NorCal, but that is just a generality.

Al and Rich told me all about the Field Day operation that CQC had, and it was a dandy, with 1188 Qsos!! That is the most that I have heard of, and you want to know what is most impressive? It was done in Class 2A Battery. That means they were cranking out the qsos. That is a rate of 25 q's per station per hour on QRP. They also said that the FD chairman is very serious about his job. He hands out a 13 page handout with work schedules for setup, operation and teardown. There is a map of the antennas, masts, and guying points, also one of the operating sites. He also sets up a schedule for setting up the station and antennas. Rich says that he starts planning for next year the day after FD. Guys, the results show it. Congrats to the Colorado QRP Club, they sure have set a high standard to work towards.

Thanks again to Rich and the guys for all of their hospitality. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Brian.S.Allen%NCAOCISD@smtpgw.aoc.state.nc.us
Subject: [816] DSP Filter
Message-ID: <m0uehea-0001Q3C@aoc.state.nc.us>

I was in Radio Shack the other day and found out that they have a DSP filter on close out for \$34. It is designed for ssb and cw. Is anyone familiar with the performanmce of this unit on ssb and cw. At this price, I am very interested in one and was told the price will go down again.

Thanks Brian KB4MNG

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [822] DSP Filter
Message-ID: <960712143654_70731.722_EHM42-1@CompuServe.COM>

FWIW Brian, The general consensus is that the noise reduction feature on the Radio Shack filter does not work worth 2 cents. But the rest of the filtering

modes works very well, just like Paul wrote.

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Steve Miller <kg7pv@teleport.com>
Subject: [845] For Sale - Norcal 40
Message-ID: <1.5.4.32.19960712215529.0066dad0@mail.teleport.com>

As much as I hate to part with this little beauty I need to cover the \$\$ spent on the Norcal 40A and KC1 I just built.

This is a second run club kit painted dark blue stipple finish and stock front panel artwork with an overlay of non-glare clear sheet acrylic - looks great.

Quite a few mods have been done to this rig (its almost a 40A) including:

- Jim Cates diodes (red flashes with your cw on xmit and green pwr on)
- the driver and final (MRF237) have been changed/tweeked for abt 3 watts out on the pwr supply, and 2.5 on the 12V bat.
- C38 and L6 have been changed to allow full pwr out over the entire bandwidth
- Q1 changed to 2N4124 per Wayne for increased sensitivity
- Anti hiss/more gain mod done to the LM386 which runs on 12V (I know, I know but its ok)
- W6CYX bypass cap added to keyline and C29 changed to 1uF per Wayne
- Most stable VFO I ever built (great design Wayne) no warm up needed
- Vfo covers 7.000 to 7.060 in two switched slightly overlapping ranges, front panel switch

There may some other minor tweeks I have forgotten but the rig looks and performs perfectly. I use the Yaesu YH55 phones and had to turn the AF gain pot down to abt half.

Price \$100 shipped to you in lots of bubble wrap. Call the shack at 503-245-8426 or the first response here gets it. I will keep a list of replies in case the first deal fails etc.
73 and cu on 40 with my new 40A

Steve Miller (CN-85) Norcal #308 QRP-L #109
Oak Hills Spirit II es dipole

KG7PV TMPS 1996 Qs=27 States=14 Confirmed=0 Dx=03
AK CA CO KS NC NE NM PA SD TX UT VA WV WY JW OZ VE7

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996

From: dwebster@netcom.com (Dennis Webster)
Subject: [809] For Sale: Oak Hills QRP Classic
Message-ID: <199607120802.BAA22171@netcom10.netcom.com>

I've sold my other items, but I still need sell my Oak Hill Classic to pay for another purchase. I have lowered the price to \$150.00 post paid to the continental US. The current price for a new kit is \$219.00 plus 39.95 for the internal iambic keyer which this unit has. It is in excellent condition and perfect working order. I received some requests regarding the Classic's features, so below description from their flyer is included.

- * Dual band transceiver kit for the 20M & 40M bands
- * Superhet receiver design with diode ring mixer & RF pre-amp
- * High side LO injection for a cleaner signal
- * 4 pole crystal ladder IF filter
- * 4 pole audio filter
- * Very smooth AGC circuit
- * VFO tuning with 8:1 vernier dial covering 100 KHZ
- * RIT w/center detent control providing +/- 1 KHZ of range
- * Sidetone oscillator with level control
- * Silky smooth QSK circuit
- * 4-5 watts RF output on both bands (13.6VDC)
- * Tx output power adjustable from 0 to full output
- * Both Iambic and manual key jacks provided on rear panel
- * 13.6VDC operation
- * Current drain is 290ma Rx and 1A Tx
- * Measures(HWD) 4" x 6 1/4" x 6 7/8" and weighs 48oz.

If interested please email me at dwebster@netcom.com

Thanks,
Dennis Webster WJ6H
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|Dennis Webster WJ6H/QRP          * LESS IS MORE! *|
|dwebster@netcom.com              |
|-----|
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From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Peter Simpson/US/3Com <Peter_Simpson@3mail.3Com.COM>
Subject: [839] Kids and soldering irons
Message-ID: <9607122035.AA4687@hqsmtp2.ops.3com.com>

Ron (and the qrp-1'ers with interested kids):

Congratulations to Ron for helping Robert to build something that works! My experiences as a young builder pretty closely paralleled Ron's. About 1 in 10 of the kits I built worked. I never had any help from my parents, who were both pretty non-technical. It wasn't until I got to college, that I remember having a "revelation" about how to build things that worked. Maybe it was because all my youthful impatience was starting to fade. Anyway, the stuff I built started to work, and I began to realize that the quality of work you can do depends a lot on the tools you use. I have the EE department's lab technician to thank for introducing me to quality tools and test equipment.

My children (Liz, 11 and Mike, 14) are both accomplished kit builders, having built a Ten-Tec 4 band regen receiver last year with the local ham club. Michael got a VHF FM receiver kit for Christmas, which didn't work too well, but I have acquired the necessary parts and we're planning on modifying it. Liz is currently building a robot, prompted by a trip to Hartford in April to see the annual Robot Firefighting Contest at Trinity College. Both kids are curious, have better eyesight than their father, and know which end of a soldering iron gets hot :-)

I have tried to help my two to avoid the problems I had as a beginning kitbuilder. For example, Mike received for Christmas, a Weller temperature-controlled soldering station (a flea market find at \$20, and my favorite iron...we have three in the house!) I have a locked toolbox, with high-quality cutters, X-acto knives and all the other things I need to work on projects. I guard it jealously, but it comes out when the kids are building, because I want to teach them that you can't do good work without good tools. I also try to pick kits that have a chance of working. The Ramsey ones are not worth the effort, IMHO. The Rainbow kits that Marlin P. Jones sells seem to be a bit better, with a good variety. Ten-Tec makes a great line of simple radio kits. Liz's robot came from a place that seems to sell to trade-school labs (and I forget the name...it's at home).

I also try to teach them how to troubleshoot and double-check their work. We build kits almost exactly the way you described. Unpack, inventory, arrange and I read the instructions to make sure nothing gets missed. Double checking each step makes the inevitable goof easier to find, and solderwick and a solder-sucker make removing the component much easier. My biggest problem (usually with Liz) is that they want to go too fast, and I have to slow them down and make them understand that you need to read every step twice, and look at every figure very carefully before you actually do the step. Having the kids look for and organize the parts is a great way to introduce them to all the various types of components. I try to explain a bit about how a new type of component works, and why it's used in the circuit, but I don't get very deeply into it.

My two don't seem to have much interest in CW, though they both have their no-code Techs. It's a shame, because QRP CW kits are so easy and fun to build. I'm hoping that, if I leave them alone, they'll decide on their own that CW might be fun. I do admit to dropping a little hint every now and then. The demos at my son's Boy Scout troop seem to help a bit...I can claim two new hams, besides my own kids, in town. Kids are naturally curious and their brains are like sponges. It's up to us as adults to provide the nutrients for those sponges to soak up. It's not just a nice thing to do, it's our most important job as adults! What could be more important than helping a child to grow up bright, curious and confident?

Cheers,
Peter, KA1AXY

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [828] LONG (Contest Rules and info)
Message-ID: <Pine.SUN.3.90.960712090552.14425B-100000@vortex.sage.dri.edu>

Hi All,

Here is a download of the rules for the WRTC. Notice that the number of stations was wrong in my previous post was wrong.

The URL have been lost in the download but all info can be found by surfing from the url given in my last post.

(Hit the delete key if this is of no intrest to you!)

Lets show them that qrp does work!

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WRTC-96 Rules
Updated 7 July 1996

WRTC-96 will be held in conjunction with the IARU HF World Championship contest. The WRTC competitors will have a slightly different set of additional rules they must follow, however.

WRTC-96 Rules for Competitors

The standard rules for the IARU HF World Championship apply to the WRTC competitors. In addition, special rules apply only to the 52 teams competing in WRTC-96 and do not effect anyone else competing in the IARU HF event. The unique rules for WRTC-96 are that each of the fifty-two teams will compete as a two-person, multi-single entry running a maximum of 100 watts output. No packet spotting is allowed. Operating times will be limited to 12:00 UTC Saturday, July 13 through 06:00 UTC Sunday, July 14. This is six hours less than the IARU Championship standard hours, beginning at the standard HFWC contest starting time.

Teams will utilize only the 40, 20, 15 and 10 meter bands with no operation on either 80 or 160 meters.

The same station may be contacted on both SSB and CW on each of the four bands, with SSB QSOs counting 1 point and CW QSOs counting 2 points. All CW contacts must be made in the lowest 100 kHz of each band.

Multipliers will be the sum of DXCC Countries plus ITU Zones plus IARU HQ Stations. All WRTC-96 competitors will be located in IARU zone 6. You may determine your IARU zone (which is different from the more commonly used CQ zones) by comparing your callsign prefix with the .For a world map showing the IARU zones, link to

In July of this year the second WRTC-96 competition will be held in Northern California during the IARU HF Championship. Below are the rules that pertain to only the WRTC TEAMS.

Note: WRTC Team rules have been modified. Teams should refer to the official update published by Chief Judge, K4VX.

RULES FOR THE WRTC TEAMS

WRTC TEAMS: Each WRTC team is encouraged to bring their own equipment. This means everything except the coax and antennas.

OBJECT: To contact as many other amateurs around the world as possible on the 7, 14, 21 and 28 MHz bands.

DATE: Second full weekend of July (July 13-14, 1996).

CATEGORY: All WRTC stations will be TRUE multi-single. Before the contest begins each team will name one transceiver "A" and one "B". The transceiver they name "A" will be the only one allowed to transmit during the entire contest. Transceiver "B" can be used only to SWL. If transceiver "A" breaks down (as determined by a judge or referee) the SWL transceiver ("B") can be used as the designated transmitter. There will be NO 10 minute rule. Transceiver "A" and "B" can move frequencies as often as desired.

MODES: Both SSB and CW on each band

WRTC-96 CONTEST PERIOD: 1200 UTC Sat until 0600 UTC Sun

CONTEST EXCHANGE: WRTC stations send signal report and ITU zone. A complete exchange must be logged for each valid QSO.

VALID CONTACT: The same station may be worked once per band/mode only in the accepted portions of that band for that mode.
 Note: working a station in the phone portion of the band on CW is not permitted.

POINTS: A) Contacts with SSB stations count 1 point.
 B) Contacts with CW stations count 2 points.

MULTIPLIERS: ITU zones, HQ stations and DXCC countries worked on each frequency band.

SCORING: (Total number of ITU zones, HQ stations and DXCC countries worked on all bands) x (total number of QSO points from all bands) = final score

STATION: Each station will consist of ONLY (if it is not on this list you can not use it):

1. Antennas: A tribander at 40-60 feet; A dipole or similar antenna for 40 meters (station owner supplies)
2. Two (2) transceivers (**)
3. A recording device(supplied by the WRTC committee)
4. Foot switches (if wanted)(*)
5. Earphones for two people(*)
6. A microphone(*)
7. Keyer(if wanted) and paddle(if wanted)(*)
8. One (1) computer with connecting cables if wanted(*)
9. Antenna switches capable of switching the two antennas between either rig(*)
10. A logging program that will handle the parameters of the contest (provided by WRTC-96)

* = Teams must bring these items
 ** = Teams are encouraged to bring these items

LOGGING: The log shall be kept on a computer using an appropriate software program. If computers are not familiar to the entrants, a paper log may be kept. Only one computer will be allowed.

PENALTY: For every bad call removed from a log, a penalty of 3 more QSO's of similar point value will be removed (total of 4 QSO's removed).

SUBMISSION OF LOGS: The entrants must submit their computer disks or paper logs to a Judge or Referee at their WRTC host station, with no correction allowed, within 10 minutes after the contest ends. If a paper log is submitted, the log must be made into a computer log by a judge or referee with a team member present to interpret handwriting. The decisions of the WRTC-96 Judges will be final.

Standard Rules, 1996 IARU HF World Championship

1) Eligibility: All licensed amateurs worldwide.

2) Object: To contact as many other amateurs, especially IARU

member-society HQ stations, around the world as possible using 1.8 through 30 MHz. (The 10, 18, and 24-MHz bands may not be used for contest QSOs.)

3) Date: Second full weekend of July (July 13-14, 1996).

4) Contest Period: 1200 UTC Sat until 1200 UTC Sun. Both single and multioperator stations may operate for the entire 24-hour period.

5) Categories:

A) Single operator--phone-only, CW-only and mixed-mode.

One person performs all operating and logging functions. Use of spotting nets is not permitted. All operators must observe the limits of their operators' licenses at all times. Single-operator stations are allowed only one transmitted signal at any given time.

B) Multioperator--single transmitter, mixed-mode only. Must remain on a band for at least 10 minutes at a time. Only one transmitted signal allowed at any given time. (Exception: Only IARU member-society HQ stations may operate simultaneously on more than one band, with one transmitter on each band/mode. Only one HQ station call sign per member-society per frequency band is permitted.) All operators must observe the limits of their operators' licenses at all times.

6) Contest Exchange: IARU member-society HQ stations send signal report and official IARU member society abbreviation. All others send signal report and ITU zone. A complete exchange must be logged for each valid QSO.

7) Valid Contact:

A) The same station may be worked once per band/mode.

Mixed-mode entries may work a station once per mode (but only in the generally accepted portions of that band for that mode. Note: Reworking a station in the phone portion of the band on CW is not permitted). Example: On any band, a station may be worked once on phone and once on CW (in the CW segment) for additional QSO credit. However, this counts as only one multiplier. Crossmode, crossband and repeater QSOs do not count. Where contest-preferred segments are incorporated in regional band plans, participants are requested to observe them.

B) The use of non-Amateur Radio means of communication (eg, telephone) for the purpose of soliciting a contact (or contacts) during the contest period is inconsistent with the spirit and intent of this announcement.

8) QSO Points:

A) Contacts within your ITU zone, as well as QSOs with all IARU HQ member-society stations, count one point.

B) Contacts within your continent (but different ITU zone) count three points.

C) Contacts with a different continent count five points.

9) Multipliers: Total number of ITU zones plus IARU member-society HQ stations worked on each frequency band. (Note: HQ stations do not count for zone multipliers.)

10) Scoring: Multipliers times the total number of QSO points.

11) Reporting:

A) Entries must be postmarked no later than 30 days after the end of the contest (August 14, 1996). No late entries can be accepted. Any entry received after mid-October 1995 may not be received in time to be included in the printed results. Use official forms, a reasonable facsimile, submit entry on diskette, upload your entry to the ARRL BBS, or send your entry to ARRL HQ via Internet.

(1) You may submit your contest entry on diskette in lieu of paper logs. The floppy diskette must be IBM compatible, MS-DOS formatted, 3.5 or 5.25 inch (40 or 80 track). The log information must be in an ASCII file, following the ARRL Suggested Standard File Format, and contain all log exchange information (band, date, time in UTC, call of station worked, exchange sent, exchange received, multipliers [marked the first time worked] and QSO points). One entry per diskette. An official summary sheet or reasonable facsimile with signed contest participation disclaimer is required with all entries.

(2) You may submit your contest entry via the ARRL BBS (860-594-0306) or via Internet to contest@arrl.org. Send your ASCII summary sheet file (Make sure it includes all the pertinent information outlined in the official summary sheet.) and your ASCII log file following the ARRL Suggested Standard File Format.

(B) Logs must indicate band, mode, date, time in UTC, calls and complete exchanges (sent and received), multipliers and QSO points. Multipliers should be marked clearly in the log the first time they are worked. Entries with more than 500 QSOs total must include cross-check sheets (dupe sheets).

(C) Contest summary, logs, and cross check sheet (if required) or diskettes should be sent to IARU HQ, Box 310905, Newington, CT 06131-0905, USA.

12) Awards: A certificate will be awarded to the high-scoring CW-only, phone-only, mixed-mode and multioperator entrant in each State, each ITU Zone and each DXCC Country. In addition, achievement-level awards will be issued to those making at least 250 QSOs or having a multiplier total of 50 or more. Additional awards may be made at the discretion of each country's IARU member-society.

13) Conditions of Entry: Each entrant agrees to be bound by the provisions of this announcement, by the regulations of his/her licensing authority and by the decisions of the ARRL Awards Committee, acting for the IARU International Secretariat.

14) Disqualification: An entry may be disqualified if the overall score is reduced by more than 2%. Score reduction does not include correction of arithmetic errors. An entry may be disqualified if more than 2% of duplicates are left in the log. A three-QSO reduction will be assessed for each duplicate QSO found during log checking or for each miscopied call sign.

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That's it folks....see you on the bands...

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Peter Simpson/US/3Com <Peter_Simpson@3mail.3Com.COM>
Subject: [841] McMaster-Carr [correct] phone number
Message-ID: <9607122046.AA4906@hqsmtp2.ops.3com.com>

...oops! That's what I get for using an old catalog.

The correct phone number for McMaster-Carr Supply Co. is:

908-329-6666

in case you're looking for almost anything industrial.
(like a shear :-)

Cheers [or should that be "shears"?]

Peter, KA1AXY

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: ljones@why.net (ljones)
Subject: [799] Metal Shear/PCB's
Message-ID: <19960712044525163.AAA262@67.ann1.dal.why.net>

Greetings Peter...

It is nice to know that there is a shear out there that is inexpensive. But, I have a problem of using it to cut PC boards. Cutting fiberglass board is one of the worst things that you can subject a cutting blade to. It will take the edge off of a tool quicker than anything that I have seen. Where I use to work they had a "hobby shop" that had a metal shear and a shear for fiberglass boards. You were risking you life if you were caught using the metal shear to cut PC board. Therefore, I would suggest that you buy yourself a cheap paper cutter and use it to cut the PCBs and save the blades in your metal shear for what they were designed for... Just my 2 pecos worth.

72/73

dee-it dee-it

Larry Jones N50SG <><	NORTEX	QRP-ARCI	G-QRP	MI-QRP	CQC
4028 Random Circle	NorCal	NE-QRP	QRP-L	ARRL	NTMS
Garland Tx 75043-3250	EM12QU	96.62 W LONG	32.87 N LAT		

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: ljones@why.net (ljones)
Subject: [802] Msg for K7YHA
Message-ID: <19960712053441213.AAA126@67.ann1.dal.why.net>

Greetings Rich...

I tried to send you a msg via _k6yha@juno.com_ and it bounced. Any Problem??

72/73

dee-it dee-it

Larry Jones N50SG <><	NORTEX	QRP-ARCI	G-QRP	MI-QRP	CQC
4028 Random Circle	NorCal	NE-QRP	QRP-L	ARRL	NTMS
Garland Tx 75043-3250	EM12QU	96.62 W LONG	32.87 N LAT		

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Steve Miller <kg7pv@teleport.com>
Subject: [849] Norcal 40 sold
Message-ID: <1.5.4.32.19960712221728.0067d944@mail.teleport.com>

Well John N5INZ was first so he gets it. Will keep a list tho just in case :-)
By the way the shack # is 503-293-8926 not the number originally posted -
oops! 73

Steve Miller (CN-85) Norcal #308 QRP-L #109
Oak Hills Spirit II es dipole

KG7PV TMPS 1996 Qs=27 States=14 Confirmed=0 Dx=03

AK CA CO KS NC NE NM PA SD TX UT VA WV WY JW OZ VE7

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: wq8q@juno.com
Subject: [842] NW80/20 30 Meter Construction Update
Message-ID: <19960712.164532.7319.0.wq8q@juno.com>

Got the VFO installed and up and running . . . no fancy test equipment here, just a digital RS VOM and a Yaesu FT-840 . . . dutifully tuned the FT-840 to 1.85mhz, squeezed the turns on the toroid a bit, and lo and behold, there was a signal . . . it even moved when I adjusted the main tuning cap . . .

The instructions called for a jumper that didn't exist on the PC board . . . seems like a duplicate of the +12v line . . . I'll just wait and see . . .

Installed the keying circuit and discovered that it actually worked, and measured voltages matched what was called for!!! Lorna (TWC) found out she didn't like solder smoke, so she's taken to curling up inside a box under the work table. A good place in case I drop a diode or something . . .

Installed the RIT circuit, and it works, then comes the Audio Amplifier . . . late last night . . . tired from cleaning the carpets all day (we had to put the family dog to sleep after a long illness and then had to clean the carpets. . . . 'nuff said) so I know it was my fault I put the LM386 in backwards . . . should have gone to bed earlier . . . trotted down to RS this morning for a replacement . . . and of course they tried to sell me a free cellular telephone . . . the clerk didn't know what a LM386 was . . . thought it was a watch battery . . . I found it myself. LM386 installed . . . noise from speaker . . .

Installed Receiver portion . . . received noise! Just like it said I should . . .

Transmit portion is next . . . maybe tonight . . . maybe tomorrow . . .

Maybe I'll put it away and contest this weekend!

So far, so good . . . I've already heard more from this rig at the halfway point than I ever heard from my HW-7 after it was finished (years ago - sold it at Dayton last year for \$ 10.00 . . . took the money and ran)

73 de Rick, WQ8Q
Cincinnati

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "Floyd Soo, KF8AT" <hires@rust.net>
Subject: [824] Paddles Moving?
Message-ID: <31E697DA.331F@rust.net>

Gang,

I ahve been reading with interest, the thread on "anchoring" your paddles down. I think we need some videos from all the folks that are "beating up" their paddles! JUST KIDDING!! I try not to manhandle my Vibroplex paddles, so I don't usually have a problem with them moving around. I have found that on slippery surfaces that the thin foam that can be purchased at office supply and builder's supply houses can be used to keep the offending paddles from walking or running away! This foam is usually used to line the bottom of tool or kitchen drawers and works well to keep rigs from moving around in temporary mobile applications too. I have used this stuff to keep small mobile radios from moving around on top of the dash over the instrument cluster (away from any air bags, unless they have been disconnected) during SCCA Road Rallys. Even during spirited driving, this foam has kept the radios from sliding around.

Hope this helps!

72,
Floyd Soo, KF8AT
QRP-L #392

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [851] Panel Labels
Message-ID: <31E7368B.2EE2@acsu.buffalo.edu>

Hi gang,

Simple question today. I am ready to build my St. Louis Tuner. I plan on making front and back panel labels on the computer unless someone already has the artwork available.

?Should I paint the front and back panels first or just glue the labels on bare the bare aluminum?

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=128 WAS=28 Confirmed=05 DX=17
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM U5 VE XE YT ZF
Worked all Canada= VE1 V01 VA2 VC2 VE2 VA3 VY2 VE6

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: ljones@why.net (ljones)
Subject: [805] PCB shear
Message-ID: <19960712055054022.AAA219@67.ann1.dal.why.net>

Greetings Gang...

There is a real cheap way to cut pcb. Get yourselves a paper cutter from some discount office supply and use that. It will generally cut up to .063". But, don't try to cut paper after that. Just won't work on paper anymore. I also suggest drilling some 1" holes at various places in the cutter table for C-clamps to hold the board while cutting.

72/73

dee-it dee-it

Larry Jones N50SG <><	NORTEX	QRP-ARCI	G-QRP	MI-QRP	CQC
4028 Random Circle	NorCal	NE-QRP	QRP-L	ARRL	NTMS
Garland Tx 75043-3250	EM12QU	96.62 W LONG	32.87 N LAT		

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: KenKD1XS@aol.com
Subject: [834] Portable Power Supply
Message-ID: <960712152416_432941187@emout07.mail.aol.com>

The other day I was wandering in the local discount auto parts store and found a nice surprise. A small 12V rechargable power supply that would be perfect for my SWL-40 and GM-20. It has (2) 6V 4Ah sealed cells inside (could'nt resist opening it up at home), a built in light, 2 cigarette lighter plugs, and 3 coaxial jacks for 3V, 6V, and 9V. All in a nice case with carrying strap. Fits in a briefcase too. The price was only \$39.95. It is called the MVP model I-6000. Planning on trying it out during one of the QRP Afield contests.

Of course, the usual disclaimers as to not having financial interest in this product apply.

72,
Ken Hanks KD1XS

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [820] QRP and Grid Squares
Message-ID: <19960712.101317.11207.0.wb2vuo@juno.com>

Just a thought from the Depths of the Great Bergen Swamp...

In addition to operating QRP, I also operate VHF/UHF/Microwaves, and on the higher frequencies, the Maidenhead grid locators are used extensively. One of the nice features with the grids is the ability to identify your location anywhere in the world with a 6-figure grid.(such as FN13ac here in the Swamp)...

One of the interesting things one can do on QRP is calculating the Miles/Watt for QSO's. With the use of a 6-figure Maidenhead grid, your location can be (in the middle latitudes) specified in a rectangle that is 2.5' North - South and 5' East - West, or about 2.9 miles N-S and 4.2 miles E-W. Big enough to get lost in, but small enough for our purposes. If you calculated distances between 6-figure grids, the worst-case error would be +/- 4 miles East - West, definitely close enough for Gov't work, and it should be good enough for QRP'ers.

One thing that makes the grids attractive is the availability of inexpensive (< \$200) hand-held GPS units that will read out the 6-figure Maidenhead grid DIRECTLY! This means that a portable operation could have their locator as long as they could see the sky well enough to get a GPS fix...[Gee, that sounds like some sort of habit...] There are a number of Shareware/Freeware programs that will calculate bearings and distance between grids, so one doesn't even have to write any code to simplify things...

I have my grid on my QSL card, in the ID on the KB2YTW/B 10 Meter QRP beacon, and I pass it out to whomever might need it. Let's discuss, and maybe consider using Maidenhead grids for our QRP operations in the future...

72/73, Keith, WB2VUO QRP-L # 582

Bergen, NY 14416 (FN13ac)

In the Depths of the Great Bergen Swamp...

wb2vuo@juno.com

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996

From: JayMiller@aol.com

Subject: [829] QRP People are mobile, agile, fertile & Friendly (Majority)

Message-ID: <960712125410_575306434@emout10.mail.aol.com>

Dear QRP Compadres,

I have noticed that quite a few (ah summer time, in the Northern Hemisphere) People are operating mobile/portable. Witness the recent reports from BS Troop 3, K7HYA, W5VBO, AA7QU (and the lbs./QSO) activity, not to mention the wealth of reports stored on the NorCal QRP Club Web Site (WA6OWR, jparker@fix.net). We are a very mobile group. I do know for a fact, that Field Day, whether it is a QRP Field Day (New England or NorCal sponsored) or the ARRL Field Day in June, we turn out in great numbers, as a group, and operate from some very "interesting" places. Wait until next year, when we add the verbs "Wierd & Strange" to the noun "Site".

I really enjoy the activities, sponsored by AA7QU and crew, since that more closely approximates/simulates what might happen, when the we are called upon to provide communications during a Natural/Man made disaster. We even have a local Club, (Albuquerque, NM) that is called the Amateur Radio "Caravan" Club, who used to meet on 29.6 MHz AM, and Caravan, by Automobile somewhere, other than the immediate geographical location. Since they have gone to a VHF/UHF repeater system, they don't caravan much anymore. :-)

Yeah, I am stating the obvious, but sometimes it needs to be said. Prior to the Colorado QRP Club coming to life, by WOHEP, NF0Z & Crew, I do remember trying to find a 14,000+ feet Mountains in New Mexico (There are none.) to participate in the 14K contests, sponsored by K9AY & Crew. Since most of the 14K peaks are in Colorado, ergo, most of the activity was there. Ah, a hearty bunch, north of me, in the Rocky Mountains. Where do You People think the Beverage Can antennas (material) had come from ? Coors Light in the Rockies ??? ;-)

Ever try a Field Day style of activity in Feb. (Winter) ? We would only have Southern California and/or Southern Arizona Personal participating, but maybe we should try that sometime anyway. That's a BIG HINT to the Arizona scQRPions. Maybe if there was a QRP style Field operation, from Az. in Feb., they would not have many visitors, such as the one on page 79, "QRPP", June, '96 issue (rattlesnake behind the NorCal 40 xcvr. Great photo Guys).

I watch KI6DS & WA6GER kit thousands of parts, so that we can have smaller, cheaper toys to play with, not to mention the tons of documentation that is sent out ("QRPP", kit instructions, etc.) N6KR, NN1G, K1BQT, W7EL, W1FB,

KH6CP, et al have all strived to stuff 14 lbs. of groceries in a 10 lb. sack. N6KR may feel that the 40-9er was a poor design, because of the mods. I say it was a very successful design, since we are now (thanks Wayne) pulling Youngsters, into the hobby, who like to camp & build radios (Explorer Post 296 - Albuquerque, NM, President: N5ZGT, age: 16 & a Member of the QRP-L & NorCal).

I take my hat off to the New England Club, since they essentially started this "QRP in the Field" activity. Who would have guessed it ? They are stuck in snow 364 days out of the year, piled 50 feet high, and they hike 60 miles to work, both ways up hill, every day in New England. ;-) July 1st is their only day of summer. Something strange about these New England types, they celebrate a day of mourning for a Baseball Team (Patriots), every year. :-) They are tossing out to us, kits (N2CX-portable mast, NN1G's upcoming SSB xcvr kit). Again, very fertile minds at work here.

When a good friend of mine had asked if She could obtain help, so that She could upgrade Her license, by increasing Her code speed (No Code Tech), Mr. K5FO had graciously stepped in, since She is from Tejas (Texas). Thanks Chuck. Anyone notice the QRP Activity on 6 meters lately ?

What other Hobby do You find strangers meeting as old friends (Eyeball QSOs) ?

Ah, I did not forget the Chaps on the other side of the Pond (Atlantic). The G-QRP Club. Geez, those Guys/Gals have more Field Day style Holidays (Vacation for You US Types) than we do. Entire Clubs operate in a Field Day fashion during their meetings. BTW, I am really impressed with the GQ-20 from Kanga Kits, but I will let NA5N write up the review, since he finished his, before me. Now if I can figure out where to mount the AK-1 keyer within the GQ-20.

Again, sometimes the obvious must be stated. We build upon each other's efforts. Where else would You find a group effort to help out Hams, in the Ukraine ? I am not saying that we are the only ones doing this either, but I watch the QRP-L, and various QRP Club newsletters/Journals. No questions asked, we ship parts to someone, who is in need. I have only seen this type of generosity in one other place, the Boat Anchor (Tube type radios) Reflector. What totally amazes me is the reinsurgence of kit building. So, let's continue the outdoor activities (Field Day style of operations), and keep the kits coming.

One other item that is interesting, is when someone signs QRP, after they call CQ, it's like 2 old friends (QRP 2 way) chatting, even though they have never met each other before. I am finding myself (There are others out there doing this too.) listening for other QRP-L Members, on the bands. This usually generates a follow on QSO or 2 about someone asking about some aspect of QRP (kits, QRP Field Days, etc.), who was listening & who is not a Member of the QRP-L.

There are very few times that I can not shake another QRPer loose on 7.040 MHz or 10.116 MHz (+/- QRM). Even occasionally finding HP1AC (Cam) around 14.060 or 10.107 MHz. He has got to be reading this list.

I will never go back to another Newsgroup, on the Internet. It is like drinking from a cesspool. By far, the QRP-L is my favorite, obviously. So Mi

Amigos, let's continue to keep it friendly. We are a very independent bunch (I don't see many People staying at home to play with their QRO radios). Remember, if You hear that faint "WA5WHN" (Even through the Satellites, RS-12) signal, do give me a call.

72...Jay, WA5WHN (Albuquerque, New Mexico)
52 microWatts on 10 GHz (QRPppppp).

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [837] QRP Survey Number 1
Message-ID: <199607121946.TAA23481@chuck.dallas.sgi.com>

Gang,

The following is a first pass at a general QRPer related questionnaire. Please attempt to follow the instructions as best as possible. This survey must be analyzed using a computer. This is not perfect, but what ever is? It doesn't attempt to find out everything and may miss the obvious, but we gotta start somewhere and go from there.

Thanks for doing this. It may become an annual event to see how you and I and the group in general are changing or not changing. I certainly appreciate your taking the time to do it.

Results of this survey to be posted to this group. Results to be sent to all manufacturers of ham equipment and/or kits, i.e. those that make transceivers, receivers, or transmitters and might have interest in kit demands now and in the future.

It may help influence someone to come out with something new. In order for this to happen I need everyone to take the time and fill this out. Pretty please. Do this one for yourself. Oh, and do this via email only. :-)

I tried to get a lot of the feedback into this thing and if I left anything out I'm sorry. Don't take it personal. Thanks.

The following questions to aid in the demographics.

- P1. State or Country:
- P2. Age:
- P3. Years licensed as a ham:
- P4. Years of QRP involvement:
- P5. Operating Mode preference:
- P6. Bands you now operate on:

Yes/No Questions to be answered with a Y or a N at the end of the line with a space after the question mark and uppercase is important. So just type a single Y for yes, N for no or D for doesn't apply or don't care. Don't answer on a separate line, please.

- Q1. Are you planning on buying a kit in the next year?
- Q2. Would you prefer your next QRP transceiver to be a kit?
- Q3. Would you prefer your next QRP transceiver to be assembled?
If the next dream rig is marketed as a kit, would you buy it
- Q4. pre-assembled?
- Q5. Is your main station rig a QRP only rig?
- Q6. Do you currently operate any mobile QRP?
- Q7. Do you have a QRP rig for and do camping trips/backpacking?
- Q8. Do you operate any QRP ARCI contests or QRP only events?
- Q9. Do you operate any QRO contests or events with QRP levels?

Numerical Answers Required: place an integer number at the end of the line with at least one space after the question mark. One is enough and more than 5 or 6 spaces is too many. Don't get cute. :-)

- Q10. What percentage of your air time is QRP?
- Q11. How many hours per week do you operate?
- Q12. How many QRP rigs or rigs that are capable of QRP do you own?
- Q13. How many of these rigs are commercial assembled rigs?
- Q14. How many homebrew or kit QRP rigs have you done in the last 3 years?
- Q15. How many homebrew or kit QRP rigs have you done in the last year?
- Q16. What is the upper limit price for you for a single band rig?
- Q17. What is the upper limit price for you for a multi-band rig, say 4 bands?

On a scale of 1 to 10, where 1 is 'not important' and 10 is 'absolutely essential', please rate the following functions, etc. Place the number on the same line at the end with one space between your number and the last character of the last word.

- Q18. Noise Blanker
- Q19. Pass Band Tuning
- Q20. Variable Bandwidth Filter

Q21. Low Pass Audio
 Q22. Adjustable Mike Gain
 Q23. Variable TX Power Output
 Q24. Power Meter
 Q25. Speech Processor
 Q26. Synthesized Oscillator
 Q27. General Coverage Receiver
 Q28. Digital Display
 Q29. Notch Filter
 Q30. Power Phones Only
 Q31. Power a Speaker
 Q32. Low Current Drain on RX
 Q33. VFO
 Q34. Small Size
 Q35. RIT
 Q36. AGC
 Q37. SSB
 Q38. CW
 Q39. FM
 Q40. RTTY or Digital
 Q41. S-Meter
 Q42. AF GAIN
 Q43. RF Gain
 Q44. QSK without a relay
 Q45. Built-in Keyer
 Q46. Mono Band Rig
 Q47. Multi Band Rig
 Q48. All Band Rig
 Q49. Split VFO for contest/DX work.
 Q50. XIT - Transmit Incremental Tuning

For each of the following put a Y if you currently operate on the band or have equipment capable of operating on the band. Put a lower case y if you may be interested in operating on that band in the future but do not have the equipment to do so. Put an N if not interested in the band. Again, a single space minimum to allow computer processing.

Q50. 160M
 Q51. 80M
 Q52. 40M
 Q53. 30M
 Q54. 20M
 Q55. 17M
 Q56. 15M
 Q57. 12M
 Q58. 10M

- Q59. 6M
- Q60. above 6M

Yes or No questions. Do you own the following equipment?

- Q61. Digital VOM
- Q62. QRP Wattmeter
- Q63. Oscilloscope
- Q64. RF Signal Generator
- Q65. Frequency Counter

Yes or No (Y or N) questions. Do you belong to the following clubs or organizations? Sorry, couldn't list them all.

- Q66. ARRL
- Q67. G-QRP
- Q68. QRP ARCI
- Q69. NorCal
- Q70. QRP-L
- Q71. MI-QRP
- Q72. NE-QRP
- Q73. CQC
- Q74. NW-QRP
- Q75. AZ-QRP
- Q76. St Louis QRP

Yes or No (Y or N) questions. Do you subscribe to or regularly purchase the following publications?

- Q77. QST
- Q78. CQ Magazine
- Q79. QRP Quarterly
- Q80. QRPP
- Q81. T5W
- Q82. WorldRadio
- Q83. 72
- Q84. 73 Magazine
- Q85. CQC LowDown
- Q86. Hambrew Magazine
- Q87. SPRAT
- Q88. QEX
- Q89. NW-QRP Newsletter

How much do you plan (approximately) to spend on a new equipment in next 12 months?

Q91. Your call in all caps (to prevent duplication):

--

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO Tmps 1996 Qs=055 States=27 Confirmed=16 DX=02 (0.95W)
AL AZ CA CO DC DE FL GA IA IL IN MD MI MO
NC OH OK OR SD TN TX UT WA WI WV WY

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "Lau, Zack, KH6CP" <zlau@arrl.org>
Subject: [830] Quality vs. Quantity?
Message-ID: <m0uelbB-000f58C@mgate.arrl.org>

Isn't QRP about quality--using operator skill and
well designed equipment as opposed to brute
force?

Why the emphasis on getting more articles and
reprinting the same material over and over again?
Shouldn't we be concerned about getting better
articles, not more?

I'd rather read one really good article, like
Roy's Optimized QRP transceiver, than
dozens of articles that almost qualify as
photocopies of each other.

I don' know about other writers, but I try to cover
new ideas, circuits, or techniques each time
I write an article. Or at least stuff that seems new :-).

Zack KH6CP/1 zlau@arrl.org

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "Lau, Zack, KH6CP" <zlau@arrl.org>
Subject: [833] Quick yagi "design"
Message-ID: <m0uemmI-000f4iC@mgate.arrl.org>

A simple way of "designing" a yagi
is to convert the designed boomlength
into wavelengths, and then look for
an existing design of the same length.

You can then use the "scale" program
that comes with the latest ARRL Antenna

book to come up with the element lengths.
It lets you choose your element diameters.
You can even choose a tapered design
made out of telescoped tubing.

A problem is figuring out the effect of the
element supports. One way is to build
a 3 element yagi, and compare your
desired support mechanism against
a reference. Readjust the length of the
new element until the feedpoint impedance
matches the reference, as suggested by
DL6WU. At UHF an acrylic center support
is often used, but maybe Spectra or some other
fiber run through the tube might work better at 6M.

Zack Lau zlau@arrl.org.

BTW, a great 10 GHz web page is

<http://www.tiac.net/users/wade/>

Many of the guys will probably be at the
next NEWS meeting, July 20th at 1 PM
(come at Noon for the all you can eat
buffet) Quality Inn in Vernon CT I84 exit 63.
This is our "show and tell" meeting in the
parking a lot, assuming nice weather.
Otherwise, a room is reserved indoors.

One member even brings his HP Noise
Figure meter for tweaking up your preamp...

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: meh@cbsms1.cb.lucent.com
Subject: [850] St. Louis tuner
Message-ID: <199607111720.NAA09591@attrh1.attrh.att.com>

Hi gang

This may be out of line if so tell me, but is there available
a circuit for this tuner. Is it just a t type or l type? Maybe it is
the special components that make it small. Just wondering. If it is
just a tuner maybe someone could post a circuit drawing or give the

ftp address for a postscript drawing.

Marty

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: wdzeares@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [831] Still no QRPp
Message-ID: <9607121637.AA18626@aud.alcatel.com>

Still no QRPp in my mail box...
72,
dennis k3ets

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [856] Survey
Message-ID: <199607130238.CAA24312@chuck.dallas.sgi.com>

Gang,

Keep the survey coming. Hoping for 80% or better return.

Please do not echo your response to the list. They don't
care. :-) It'll mean more when the stats come out.

dit dit es tn timer

--

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO TMPS 1996 Qs=055 States=27 Confirmed=16 DX=02 (0.95W)
AL AZ CA CO DC DE FL GA IA IL IN MD MI MO
NC OH OK OR SD TN TX UT WA WI WV WY

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: rflight@VNET.IBM.COM
Subject: [826] The 40-9er Depresses me!
Message-ID: <199607121604.MAA61104@nss2.CC.Lehigh.EDU>

I knew it was only a matter of time before a NorCal posting would
arrive, and it's no surprise that it was terse and highly positive.

Now I'm no longer only indebted to NorCal for their engineering efforts, but also for their motivational efforts.... It's true.... the 40-9er has become a real source of depression to me.... cuz I ain't got mine goin' yet! I have to blame Norcal for this (the depression not a faulty 40-9er). I've never seen a phenomenon the likes of the 40-9er... likely due to my late arrival on this list. The St. Louis tuner seems to pop up regularly, as well as some of the predecessors to the 40-9er and other kits. It's hard to sort out which is whose, but it's abundantly clear that some real tough customer needs are being met with a generous amount of sacrifice.

I haven't been reading many recent 49-er postings, and missed Ron Doyle's. I've stopped reading because they make me feel worse about not moving forward with my own 49-9er. I nearly missed a truly inspirational posting. It's pretty clear what motivates this community... For some I suppose; it had to be said. To keep my own conscience clear, something else needs to be said....

Thanks!

72/3 de N3GO / Gary

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: mvjfm@mvubr.att.com
Subject: [815] Trade Noise Bridge
Message-ID: <199607121252.IAA19295@cbig2.att.att.com>

73 mag. bankrupt ? Darn, I just renewed cuz I like the funny editorials.

Trade.... I have an MFJ antenna noise bridge if anyone is interested in playing with antennas. I would like to trade for something interesting.

72 Jim W1FMR

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: rbm@juno.com (Ronald B. Melton)
Subject: [801] Vertical Antennas?
Message-ID: <19960711.220100.8319.0.rbm@juno.com>

I am planning to buy a new antenna and am primarily considering a

vertical. I'd
like to know whether anyone has experience with the GAP asymmetric
vertical
dipoles and how they might compare to the half-wave verticals such as the
Cushcraft R-7 or R-7000.

Any comments?

72's
Ron Melton - N7NIQ
melton@alumni.caltech.edu

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Gordon Couger <gcouger@ceatlabs.okstate.edu>
Subject: [800] Wayne Green
Message-ID: <199607120500.BAA26280@nss2.CC.Lehigh.EDU>

Don't count Wayne out yet. I've followed him since his days
at CQ. Over the years he has been right about alot of things.

I think that he may have wandered off in the weeds on some
of what I consider Psudo science but, I have worked in
science long enough to beleive that there are some things
that are true and work that will not with stand the
rigger of the scientific method. I have also realized
that every thing that the method "proves" is not
necessarily the case.

While I don't always agree with Wayne I admire his willingness
to take a stand even if it does run off advertizers. When he
was publishing Micro 80 he was critical of Tandy's policies and
direction it cost him his biggest advertizer for a year. He never
backed down in print.

Publishing in general has been on very hard times in the last few
years. Just look at the titals that are gone and the loss of
pages in the ones that are left.

Having gone belly up my self I hate to see it happen to some
one else. But I wouldn't dance on Wayne's grave yet. This issue
was better than the last few and he has got himself out of some
bad spots before.

IMHO
Gordon AB5DG

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [814] Wire Antlers on VHF
Message-ID: <19960712.082231.11207.1.wb2vuo@juno.com>

Greetings from the Depths of the Great Bergen Swamp!

I have been playing with wire beams, and have come across some 'scaling' problems. One of the projects for the fall is a wire Yagi for 6 Meters to allow me to work some additional 6 Meter DX. Back in 1968, I ran the VHF QSO Party (September) with a club in Syracuse, NY. This was before the introduction of the Maidenhead Grids, and scoring (multipliers) was calculated by the number of ARRL sections you worked. Well, for Syracuse, NY (WNY Sect.), the nearest section was EPA, then ON then ENY. distances of 80, 110 and 120 miles! If you wanted to work, say NLI, it was 200+ miles OVER the Catskills.

We put up a L-O-N-G wire yagi, 15 elements stretched over 100 Feet!, and bore-sited it on NYC for the NLI/NNJ/CT sections. IT WORKED, BOY DID IT !!!

The "Guru" in the club that designed it has long since passed away, and he used charts from the "ARRL Antenna Book", a mid-50's edition, to determine the "K-Factors" to adjust the element lengths. I don't have an old "Antenna Book" anymore, at least not one that old, and can't find a reference for "K-Factors"...

My memory of this was that we had to make the lengths 3% - 4% longer than a regular beam, which would make the driven element (on 6 M) about 117" instead of 111" for 50.2 MHz, with the other elements scaled proportionally...

Any help out there?

73, Keith, WB2VUO (QRP-L # 582)

wb2vuo@juno.com

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [823] World RadioSport Contest
Message-ID: <Pine.SUN.3.90.960712075510.14195A-1000000@vortex.sage.dri.edu>

Hi all,

This weekend is the World Radio Sport contest. Inside that contest is one called the World Radio Sport Team Challenge.

There are about 108 of the best testers in the world in the SF Bay area this weekend to see who can come out on top. 58 stations have been located, all with simple tri banders up about 40', nothing big and fancy. All as close to being equal as possible. This is being hosted by the Northern California Contest Club. 100 watts is the maximum power and there will be a club observer at each station during the whole contest!

I would like to see the QRP'ers make a show by working as many of these stations as you can. It will be easy to tell who they are. The FCC has granted the use of special calls for this event. They are K6A through K6Z, W6A through W6Z and AH3C, AH3D are also listed.

I have been talking to the people at the NCCC and they are wide open to having more QRPers join their ranks. Lets show them that we are really out there and that we can make contacts in a contest.

Look at <http://ourworld.compuserve.com/homepages/n6ip/wrtc96.html>

You can surf around and find lots of good info on this event. This should really show who the best operator really is!

Thanks for the time and hope to cu this weekend. cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Bob Hirsch <bobh@p3.net>
Subject: [852] WTB: QF-1A
Message-ID: <1.5.4.32.19960712224537.00691c7c@p3.net>

If anyone has an Autek Research QF-1A in good shape that you would like to part with, please e/mail me direct.

TNX

=====

73 es CUL de AA30N

Bob Hirsch
bobh@p3.net

qrp-arci #8700
NorCal #1638 qrp-1 #450
ARRL

No Code, No HF....Know Code, Know HF!

=====

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [813] Re: 30m contact report
Message-ID: <31E6A489.E92@acsu.buffalo.edu>

Hi Preston (and gang),

Thanks for the nice QSO! Another QRP-QRP. These are worth a red star in the log book for sure.

I didn't figure you bailed out due to "unexplained" reasons :) This crud and the QSB have killed many qso's for me on 30M. Oh well, we just keep hanging in and having a good time.

Last week I went QRV to the southern tier of NY for 3 days and operated on 40M with my now sold MFJ rig. I found the QSB to be better here. After not being on 40M for quite a while I was surprised.

Is 40M a more *stable* band than 30M for some particular reason?

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=125 WAS=28 Confirmed=05 DX=17
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM U5 VE XE YT ZF
Worked all Canada= VE1 V01 VA2 VC2 VE2 VA3 VY2 VE6

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: RHILTO@acxiom.com
Subject: [835] Re: 30M QSLs for WAS, DXCC

Message-ID: <1e6a9e60@acxiom.com>

>Basically, all 30M can count for a basic WAS or a basic DXCC.
>However, you can NOT get a 30M WAS or 30M DXCC/5XDXCC... 72/73
>Dennis K3ETS, Dallas

Why not? As long as the contacts were not made during a contest, they should be valid for ANY type of WAS award.

Or is there some non-obvious logical reason for omitting them?

7.3, ki5ez
Bob

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Kevin Muenzler <wb5rue@amsat.org>
Subject: [838] RE: 30M QSLs for WAS, DXCC
Message-ID: <01I6ZMWKSWP200FYI7@ARWEN.UTHSCSA.EDU>

Reply-to: <wb5rue@amsat.org>On Friday, July 12, 1996 2:34 PM, RHILTO@acxiom.com wrote:

>>Basically, all 30M can count for a basic WAS or a basic DXCC.
>>However, you can NOT get a 30M WAS or 30M DXCC/5XDXCC... 72/73
>>Dennis K3ETS, Dallas
>
>
>Why not? As long as the contacts were not made during a contest, they
>should be valid for ANY type of WAS award.
>
>Or is there some non-obvious logical reason for omitting them?
>
>7.3, ki5ez
>Bob
>
>
>

The rules is the rules.... I think they want the WARC bands to be omitted as specific awards, i.e.. 30-meter WAS, 30-meter DXCC, etc. but they can be included in the "general" awards, i.e.. WAS, DXCC.... They are trying to prevent the WARC bands from becoming the circus that the others become during contest periods so that "regular hamming" can still go on.

Kevin, WB5RUE

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [836] Re: Basing for 2SC2075
Message-ID: <960712154151.206171ad@carib.vf.mmc.com>

Gang,

I got two replies to my query for info. For others who get these replacements from Danny, here's the skinny. With the device face down and the leads toward you, they are B-C-E, the same as the corresponding Motorola devices.

Now I can go home and build my full gallon amp ... QRP full gallon that is - 5 watts :-).

Lessee, am I up to a limerick this Friday afternoon? Nah, don't think so. You are spared!

Thanks to Clark - WA2UNN and Murray - K7AU for their fast answers.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [818] Re: DSP Filter
Message-ID: <Pine.OSF.3.91.960712092552.19129D-1000000@saturn.acs.oakland.edu>

On Fri, 12 Jul 1996 Brian.S.Allen%NCAOCISD@smtpgw.aoc.state.nc.us wrote:

> I was in Radio Shack the other day and found out that they have a DSP
> filter on close out for \$34. It is designed for ssb and cw. Is
> anyone familiar with the performanmce of this unit on ssb and cw.
> At this price, I am very interested in one and was told the price
> will go down again.

Brian,

You must be new to qrp-1 because that unit gets kicked around in discussions a LOT!

It will be the best \$34 you'll ever spend on ham equipment. DO NOT wait

for it to get cheaper, it will be sold by then. There already are guys buying them up from entire R/S districts.

Be warned, though! The fellows with the \$300 DSP (I also own a Timewave DSP 59+) will look down their noses at you and say it's not a "real" DSP (they are only half right).

It is great for low-end QRP rigs because it includes a nice audio amp, speaker, and 3 fixed bandwidth CW filters - features lacking in most QRP rigs.

On SSB, you will LOVE the automatic notch filter - the bandwidth limiting on SSB is marginal at best.

The big drawback for QRP/portable ops is that it draws almost an amp of current when in use.

If it makes any difference to you, I bought mine the day it first hit the stores for \$65 and I've never regretted it.

73 =paul= wb8zjl

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [822] RE: DSP Filter
Message-ID: <01BB6FD9.0E465FA0@muenzlerk.uthscsa.edu>

On Friday, July 12, 1996 5:36 AM, Dan Keen[SMTP:70731.722@CompuServe.COM] wrote:
>FWIW Brian, The general consensus is that the noise reduction feature on the
>Radio Shack filter does not work worth 2 cents. But the rest of the filtering
>modes works very well, just like Paul wrote.

>
>
>

The DSP that Radio Shack sells has no noise filter at all. Their "20db" average noise reduction is just what it is, an average. The way they get away with this is they take the 'average noise' generated by the audio output of your rig. (atmospheric, receiver....)
The compare that level across the band with the level across the band with the filter in place. If you take the noise level OUTSIDE OF THE PASSBAND of the filter and compare it on and off then the average noise level reduction is

about

20db. The level of noise within the passband is not reduced at all. I was suspicious of this and checked it out on a spectrum analyzer and a white-noise generator. The tone elimination in the "noise" and "SSB" modes is very good. The bandpass filtering is also very good. The narrow CW mode is just as good as the narrow CW mode on most of the \$300 models. There is little or no ringing.

Kevin, WB5RUE

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: k7yha@juno.com (richard h. arland)
Subject: [848] Re: DSP Filter
Message-ID: <19960712.222517.4615.0.k7yha@juno.com>

On Friday, 12 July 1996 8:55am ET
Brian.S.Allen%NCAOCISD@smtpgw.aoc.state.nc.us writes:
> Is anyone familiar with the performanmce of this unit on ssb and cw.
>
>Thanks Brian KB4MNG
>
Brian and Gang:
I have one of the RS DSP filters. It functions much like an ordinary active AF filter (which it is in the CW mode). For a good review check Jim Kearman's comments in June (or maybe July) 1994 QST. IT's not as good as my MFJ DSP filter but it is better than nothing, and for the price, what the heck.

72 rich K7YHA

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [811] Re: NORCAL Sierra For Sale
Message-ID: <31E610EA.3F12@amsat.org>

Brien Pepperdine wrote:

> FOR SALE:
> NorCal Sierra, built.....snip, snip.....
> I am taking offers. If this is worth selling, fine. If not worth it, fine.
> Obviously I am looking to sell the worth of the rig as well as a bit of my
> time having done it, but if no one wants it and wants the WR version and

> wants to build it instead, fine.....

Here is my unsolicited comment....

Taking for granted that Brien did a fine job, what everprice he wants (within reason) is worth it. This is a fine rig, I have one myself. You dont think it is worth a considerable amount of money?? CHECK OUT THE AMOUNT OF TORRIDS YOU NEED TO WIND!!!! this alone is why it is worth it :-) I still suffer abit from Torrid-itis, my Cascade still sits in its shipping package.:-)

gud luck Brien, 72 de Phil AC6LS

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: k7yha@juno.com (richard h. arland)
Subject: [812] Re: NORCAL Sierra For Sale
Message-ID: <19960712.104030.4615.5.k7yha@juno.com>

On Fri, 12 Jul 1996 01:46:34 -0700 "Phil, AC6LS" <ac6ls@amsat.org> writes:

>Brien Pepperdine wrote:

>

>> FOR SALE:

>> NorCal Sierra, built.....snip, snip.....

>Here is my unsolicited comment....

>

>

>Taking for granted that Brien did a fine job, what everprice he wants
>(within reason) is worth it. This is a fine rig, I have one myself.
>You dont think it is worth a considerable amount of money?? CHECK OUT
>THE AMOUNT OF TORRIDS YOU NEED TO WIND!!!! this alone is why it is
>worth it :-)

My 2 cents wort:

About the only way I'd ever part with my Sierra is when the shut the casket lid! In my limited experience, that little rig is absolutely worth its weight in gold. My Sierra was used as the 40 mtr CW station at this years Zuni Loop FD site. It performed flawlessly. When you look at the simplicity of design coupled with price and parts count, this little rig is a bargain no matter what the cost.

(PS: for N6KR: "You done good!")

72 rich K7YHA

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [832] Re: NW 80/20 Construction Update
Message-ID: <1.5.4.32.19960712174404.006786b0@postoffice.worldnet.att.net>

At 07:20 PM 7/11/96 +0000, wq8q@juno.com wrote:
>Dan's Small Parts and Kits NW 80/20 30meter Transceiver
>Dan's did a great job! This looks like it's going to be a fun \$59.00
>project.

Ordered my kit this morning, G5RV went up tonight (well, most of it), and
the 30 meter delta loop should be up by next week.

Gettin' a little excited.....

73,
mike KD0FX
Richland WA QRP-L #576

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Bigbob97@aol.com
Subject: [854] Re: On Criticizing NorCal
Message-ID: <960712210322_575612740@emout07.mail.aol.com>

Hi All -

Please remember: "No good deed goes unpunished!"

73,
Bob WB2DHK

Flame suit on, oh Captain Video, sir !
(Norton)

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996

From: Monte Stark <ku7y@sage.dri.edu>
Subject: [825] Re: Paddles Moving?
Message-ID: <Pine.SUN.3.90.960712083840.14321A-1000000@vortex.sage.dri.edu>

Hi Floyd,

I think the hard slapping is a hold over from the days of using a bug. At least for some of us.....Few people could really use a bug without getting a bit "hard" with it.

I even tried gluing the thing down! Wound up holding it with my other hand or just putting it inbetween the receiver and transmitter. With rx at about 30 lbs and a good tx at about 150 lbs it could slap the fool outa that little bug.... :-)

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "P. Grover Cleveland" <wylde@nccn.net>
Subject: [857] Re: Panel Labels
Message-ID: <199607130321.UAA13831@nccn.net>

I just use the adhesive that is part of the laminate stock. Never had a problem.

Grover

- - -

P. Grover Cleveland
WT6P (ex KC7IW, WA6WJV)
ARCI 3795, NorCal 216, ARS 101
Fairmont Track Speeder Pilot &
Archaeoferroequinologist

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996

From: "Arjen Raateland, SYKE/YV, puh. 90-4030 0457" <Arjen.Raateland@vyh.fi>
Subject: [808] Re: PCB shear
Message-ID: <01I6ZCFG9JGY8WWEYV@vyh21.vyh.fi>

>Greetings Gang...

>

> There is a real cheap way to cut pcb. Get yourselves a paper cutter from
>some discount office supply and use that. It will generally cut up to .063".
>But, don't try to cut paper after that. Just won't work on paper anymore. I
>also suggest drilling some 1" holes at various places in the cutter table
>for C-clamps to hold the board while cutting.

>

>72/73

>

>dee-it dee-it

>

>---

>Larry Jones N50SG <>< NORTEX QRP-ARCI G-QRP MI-QRP CQC

Hi,

For cutting PCB and sheet aluminium I use a cutter originally intended
for cutting air-conditioning duct material. It's a double cutter that
cuts along two parallel lines supporting both sides of the sheet
material very well. It cuts away a little strip, ca. 5 mm wide, that
curls between the outer blades, but it leaves both outer edges really
neat.

I got it at a discount, but I assume that at a normal price it would
still be a lot cheaper than a real sheet shear and sturdier than a
paper cutter. It is probably American made, but I don't have it here,
so I can't give you the brand name now.

My FIM 0,02 (2 pennies) worth.

73, Arjen, OH2ZAZ

Arjen Raateland

Suomen Ymp ristö keskus / YV

--... ..-- ------ ---... ..- ---..

Finnish Environment Institute, Helsinki, Finland

SAS Support

EMAIL: Arjen.Raateland@vyh.fi

tel. +358 0 4030 0457

fax +358 0 4030 0490

.-.-. -.-

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [844] Re: Portable Power Supply
Message-ID: <2.2.32.19960712203436.00aaa978@public.compuser.nf.ca>

Hi Ken,

You Yanks are really behind the times (easy for me to say now that I'm up in Newfoundland - hi). Anyway the St. John's Newfoundland ham radio club has been buying quantity buys of the exact same 12V Rechargeable Power System that you describe at the local Canadian Tire Department store.

They are nice units and in good QRP style I made one mod to the unit that you may want to think about.

I scratched out the 3V label for the coaxial power jack and rewired the jack for 12 volts - now in addition to the two cigarette lighter jacks (boy are we going to be in trouble if the auto manufacturers ever consider removing that unit..) you now have a quick way to connect a coaxial plug to power your QRP rig.

Have fun with the toy - let us know how well the unit takes and keeps a charge.

73/72 Bob VO1DRB/WA6ERB

At 15:24 7/12/96 -0400, you wrote:
>The other day I was wandering in the local discount auto parts store and
>found a nice surprise. A small 12V rechargeable power supply that would be
>perfect for my SWL-40 and GM-20. It has (2) 6V 4Ah sealed cells inside
>(could'nt resist opening it up at home), a built in light, 2 cigarette
>lighter plugs, and 3 coaxial jacks for 3V, 6V, and 9V. All in a nice case
>with carrying strap. Fits in a briefcase too. The price was only \$39.95.
> It is called the MVP model I-6000. Planning on trying it out during one of
>the QRP Afield contests.
>
>Of course, the usual disclaimers as to not having financial interest in this
>product apply.
>
>72,
>Ken Hanks KD1XS
>
>

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-----
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
|                bgobrick@nlnet.nf.ca |
|                                     |
```

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Harvey Winters <ve1hdw@fox.nstn.ca>
Subject: [846] Re: QRP Survey Number 1
Message-ID: <1.5.4.32.19960712220024.006714a4@fox.nstn.ca>

>The following questions to aid in the demographics.

>

>P1. State or Country: Canada

>P2. Age: 67

>P3. Years licensed as a ham: 46

>P4. Years of QRP involvement: 1.5

>P5. Operating Mode preference: CW

>P6. Bands you now operate on: 40 30 20

>

>Yes/No Questions to be answered with a Y or a N at the end of the
>line with a space after the question mark and uppercase is important.

>So just type a single Y for yes, N for no or D for doesn't apply or
>don't care. Don't answer on a separate line, please.

>

>Q1. Are you planning on buying a kit in the next year? Y

>Q2. Would you prefer your next QRP transceiver to be a kit? Y

>Q3. Would you prefer your next QRP transceiver to be assembled? N

> If the next dream rig is marketed as a kit, would you buy it

>Q4. pre-assembled? Y

>Q5. Is your main station rig a QRP only rig? N

>Q6. Do you currently operate any mobile QRP? N

>Q7. Do you have a QRP rig for and do camping trips/backpacking? Y

>Q8. Do you operate any QRP ARCI contests or QRP only events? N

>Q9. Do you operate any QRO contests or events with QRP levels? N

>

>Numerical Answers Required: place an integer number at the end of
>the line with at least one space after the question mark. One is
>enough and more than 5 or 6 spaces is too many. Don't get cute. :-)

>

>Q10. What percentage of your air time is QRP? 100

>Q11. How many hours per week do you operate? 2

>Q12. How many QRP rigs or rigs that are capable of QRP do you own? 3

>Q13. How many of these rigs are commercial assembled rigs? 2

>Q14. How many homebrew or kit QRP rigs have you done in the last 3 years? 1

>Q15. How many homebrew or kit QRP rigs have you done in the last year? 1

>Q16. What is the upper limit price for you for a single band rig? 260.00

>Q17. What is the upper limit price for you for a multi-band rig, say 4 bands? D

>
>On a scale of 1 to 10, where 1 is 'not important' and 10 is 'absolutely
>essential', please rate the following functions, etc. Place the number
>on the same line at the end with one space between your number and the
>last character of the last word.

>
>Q18. Noise Blanker 10
>Q19. Pass Band Tuning 10
>Q20. Variable Bandwidth Filter 10
>Q21. Low Pass Audio 5
>Q22. Adjustable Mike Gain 10
>Q23. Variable TX Power Output 10
>Q24. Power Meter 10
>Q25. Speech Processor 5
>Q26. Synthesized Oscillator 10
>Q27. General Coverage Receiver 5
>Q28. Digital Display 10
>Q29. Notch Filter 5
>Q30. Power Phones Only 5
>Q31. Power a Speaker 5
>Q32. Low Current Drain on RX 10
>Q33. VFO 10
>Q34. Small Size 10
>Q35. RIT 10
>Q36. AGC 10
>Q37. SSB 5
>Q38. CW 10
>Q39. FM 5
>Q40. RTTY or Digital 1
>Q41. S-Meter 10
>Q42. AF GAIN 10
>Q43. RF Gain 10
>Q44. QSK without a relay 10
>Q45. Built-in Keyer 5
>Q46. Mono Band Rig 5
>Q47. Multi Band Rig 10
>Q48. All Band Rig 5
>Q49. Split VFO for contest/DX work. 4
>Q50. XIT - Transmit Incremental Tuning 4

>
>For each of the following put a Y if you currently
>operate on the band or have equipment capable of
>operating on the band. Put a lower case y if you
>may be interested in operating on that band in the
>future but do not have the equipment to do so. Put
>an N if not interested in the band. Again, a single
>space minimum to allow computer processing.

>

>Q50. 160M y
>Q51. 80M y
>Q52. 40M Y
>Q53. 30M Y
>Q54. 20M y
>Q55. 17M y
>Q56. 15M y
>Q57. 12M y
>Q58. 10M Y
>Q59. 6M N
>Q60. above 6M N

>

>Yes or No questions. Do you own the following equipment?

>

>Q61. Digital VOM Y
>Q62. QRP Wattmeter N
>Q63. Oscilloscope N
>Q64. RF Signal Generator Y
>Q65. Frequency Counter N

>

>Yes or No (Y or N) questions. Do you belong to the following clubs
>or organizations? Sorry, couldn't list them all.

>

>Q66. ARRL N
>Q67. G-QRP Y
>Q68. QRP ARCI Y
>Q69. NorCal N
>Q70. QRP-L Y
>Q71. MI-QRP N
>Q72. NE-QRP Y
>Q73. CQC Y
>Q74. NW-QRP N
>Q75. AZ-QRP N
>Q76. St Louis QRP N

>

>Yes or No (Y or N) questions. Do you subscribe to or
>regularly purchase the following publications?

>

>Q77. QST
>Q78. CQ Magazine Y
>Q79. QRP Quarterly Y
>Q80. QRPp N
>Q81. T5W N
>Q82. WorldRadio N
>Q83. 72 Y
>Q84. 73 Magazine Y
>Q85. CQC LowDown Y
>Q86. Hambrew Magazine N

>Q87. SPRAT Y
>Q88. QEX N
>Q89. NW-QRP Newsletter N
>
> How much do you plan (approximately) to spend on a
>Q90. new equipment in next 12 months? 500.00
>
>Q91. Your call in all caps (to prevent duplication): VE1HDW

72/73 de HARvey
Harvey D Winters VE1HDW
G-QRP 8973 CQC 177 QRP-ARCI 8963
QRP-L 115 New England NE397

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Art Searle <asearle@netusa.net>
Subject: [855] Re: QRP Survey Number 1
Message-ID: <31E728D8.61E3@netusa.net>

> P1. State or Country: NY
> P2. Age: 51
> P3. Years licensed as a ham: 16
> P4. Years of QRP involvement: <1
> P5. Operating Mode preference: CW
> P6. Bands you now operate on: 10,12,15,17,20,30,40,80

> Q1. Are you planning on buying a kit in the next year? Y
> Q2. Would you prefer your next QRP transceiver to be a kit? Y
> Q3. Would you prefer your next QRP transceiver to be assembled? N
> If the next dream rig is marketed as a kit, would you buy it
> Q4. pre-assembled? N
> Q5. Is your main station rig a QRP only rig? N
> Q6. Do you currently operate any mobile QRP? N
> Q7. Do you have a QRP rig for and do camping trips/backpacking? N
> Q8. Do you operate any QRP ARCI contests or QRP only events? Y
> Q9. Do you operate any QRO contests or events with QRP levels?
>
> Q10. What percentage of your air time is QRP? 80
> Q11. How many hours per week do you operate? 5
> Q12. How many QRP rigs or rigs that are capable of QRP do you own? 3
> Q13. How many of these rigs are commercial assembled rigs? 2
> Q14. How many homebrew or kit QRP rigs have you done in the last 3 years? 1
> Q15. How many homebrew or kit QRP rigs have you done in the last year? 1
> Q16. What is the upper limit price for you for a single band rig? \$200

> Q17. What is the upper limit price for you for a multi-band rig, say 4 bands?
\$1,000

>

- > Q18. Noise Blanker 5
- > Q19. Pass Band Tuning 8
- > Q20. Variable Bandwidth Filter 8
- > Q21. Low Pass Audio 8
- > Q22. Adjustable Mike Gain 8
- > Q23. Variable TX Power Output 8
- > Q24. Power Meter 8
- > Q25. Speech Processor 3
- > Q26. Synthesized Oscillator 5
- > Q27. General Coverage Receiver 2
- > Q28. Digital Display 5
- > Q29. Notch Filter 5
- > Q30. Power Phones Only 7
- > Q31. Power a Speaker 3
- > Q32. Low Current Drain on RX 5
- > Q33. VFO 8
- > Q34. Small Size 3
- > Q35. RIT 9
- > Q36. AGC 8
- > Q37. SSB 3
- > Q38. CW 10
- > Q39. FM 0
- > Q40. RTTY or Digital 3
- > Q41. S-Meter 5
- > Q42. AF GAIN 5
- > Q43. RF Gain 8
- > Q44. QSK without a relay 7
- > Q45. Built-in Keyer 8
- > Q46. Mono Band Rig 4
- > Q47. Multi Band Rig 8
- > Q48. All Band Rig 10
- > Q49. Split VFO for contest/DX work. 10
- > Q50. XIT - Transmit Incremental Tuning 8
- >
- > Q50. 160M N
- > Q51. 80M Y
- > Q52. 40M Y
- > Q53. 30M Y
- > Q54. 20M Y
- > Q55. 17M Y
- > Q56. 15M Y
- > Q57. 12M Y
- > Q58. 10M Y
- > Q59. 6M N
- > Q60. above 6M Y

>
 > Q61. Digital VOM Y
 > Q62. QRP Wattmeter Y
 > Q63. Oscilloscope N
 > Q64. RF Signal Generator Y
 > Q65. Frequency Counter Y
 >
 > Q66. ARRL Y
 > Q67. G-QRP N
 > Q68. QRP ARCI Y
 > Q69. NorCal Y
 > Q70. QRP-L Y
 > Q71. MI-QRP N
 > Q72. NE-QRP N
 > Q73. CQC N
 > Q74. NW-QRP N
 > Q75. AZ-QRP N
 > Q76. St Louis QRP N
 >
 > Yes or No (Y or N) questions. Do you subscribe to or
 > regularly purchase the following publications?
 >
 > Q77. QST Y
 > Q78. CQ Magazine N
 > Q79. QRP Quarterly Y
 > Q80. QRPp Y
 > Q81. T5W N
 > Q82. WorldRadio N
 > Q83. 72 N
 > Q84. 73 Magazine N (never)
 > Q85. CQC LowDown N
 > Q86. Hambrew Magazine N
 > Q87. SPRAT N
 > Q88. QEX N
 > Q89. NW-QRP Newsletter N
 >
 > How much do you plan (approximately) to spend on a
 > Q90. new equipment in next 12 months? 1,000
 >
 > Q91. Your call in all caps (to prevent duplication): WU2K
 >

WU2K TMPS 1996 Qs=053 States=0 Confirmed=0 DX=046 (5 watts)
 3B8,5N,6W,6Y,8P,9H,9L,CM,CY0,DL
 EA8,EI,ER,ES,EU,F,FG,G,GM,GU
 HA,HB0,HC,HI,HK0S,I,KP4,LA,LU,LZ
 OK,OM,ON,OZ,S5,SP,TI,UA,UR,VE
 XE,Y0,YU,Z3,ZF,ZL

72, de Art

--

Art Searle, WU2K, NY, ARRL Life Member, QRP-L #524, QRP ARCI #9123
NorCal 1708, DXCC MX & CW HR , NRA Benefactor Life Member,
NRA Certified Firearms Instructor, Dale Earnhardt Fan Club
Yosemite Sam "I'm a rootin' tootin' shootin' son of a gun"

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: lhalliday@creo.bc.ca
Subject: [843] Re: Quality vs. Quantity?
Message-ID: <9606128372.AA837204926@mail.creo.bc.ca>

Zack KH6CP/1 writes:

> (snip...)

> Why the emphasis on getting more articles and
> reprinting the same material over and over again?
> Shouldn't we be concerned about getting better
> articles, not more?

Hear hear! Surely there is **something** new happening out there.

I hear lots of people who miss _ham radio_. I have many issues too, covering (albeit with gaps) 1972 to the end. Interesting stuff. But some of it is dated to the point of being laughable, and much is simply obsolete. The technical slant is welcome, but for my techie fix I now look to journals like QEX, Radio Communication, RF Design and VHF Communications. There is new material. New ideas. Good stuff. Not endless repeats of stuff that was written when I was in high school.

My classic beef: why, in that up front section in QST, are there always pictures of clone antique equipment made from antique parts, and never any pictures of new technology? Maybe I should take some pictures of my DDS stuff and send them in...a home-made PC board, perfboard, wire wrap, a commercial PC board (from FAR Circuits) I stuffed myself **and** dead bug construction. All in one project... :-)

Laura Halliday VE7LDH
lhalliday@creo.bc.ca
ve7ldh@amsat.org
Locator: CN89mg

"C'est une femme mutine, assez
elegante, grave et legere, ayant le
sens du confort et du plaisir
en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: k7yha@juno.com (richard h. arland)
Subject: [847] Re: Quality vs. Quantity?
Message-ID: <19960712.222517.4615.1.k7yha@juno.com>

On Fri, 12 Jul 96 13:51:02 PST lhalliday@creo.bc.ca writes:

>Zack KH6CP/1 writes:

>

>> (snip...)

>

>> Why the emphasis on getting more articles and
>> reprinting the same material over and over again?
>> Shouldn't we be concerned about getting better
>> articles, not more?

>

>Hear hear! Surely there is *something* new happening out there.

>

Zac & Laura make some interesting points.

HOWEVER, writers write for specific audiences. To have someone from this list read my two part CQ article and my "What is QRP" which appeared in Oct 94 QST and say it was a rehash of the "same old stuff" would be absolutely correct. But the two magazines cater to vastly different audiences. It may surprise some of you but the ARRL only represents about 30% (last figures I saw) of the total ham population in the US. Many hams don't get QST but do read CQ, Worldradio or 73.

I'm not writing articles for the benefit of other QRPers, per say. That is preaching to the choir. What I am doing is trying to spread the word about QRP to the Great Unwashed.....those thousands upon thousands of hams out there who have never tried QRP. That is my target market.

While I feel that I am technically adroit and can build with the best of them, I choose to write the kinds of articles that appeal to a larger crowd who have had little or no experience in QRP. One of the most frustrating things about writing "technoid articles" is the number of pseudo-engineers who crawl out from under their hiding places to pick apart the smallest details of a design or schematic. Having done several construction projects in my old WR QRP column and having to endure the endless drivel of these pseudo-engineers (several of whom actually did not know which way a diode went into a circuit!) was extremely frustrating and time consuming. (Yeah, I know....I didn't have to answer the letters but I was representing the magazine and replied out of sense of duty)

In talking with other QRPers, I know that there are some very well qualified people out there in QRP-Land who could, and should, start

writing and getting their articles into the ham magazines. So, if you Old Timers want to see something different in print.....START WRITING! Pick a topic, pick a target audience and set your keyboard on fire with flying fingers. Otherwise, don't complain.

72 rich K7YHA

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: DCrespy@aol.com
Subject: [853] Re: Quality vs. Quantity?
Message-ID: <960712204331_433133059@emout10.mail.aol.com>

Zack,

What initiated this post??

I guess I agree..I'm getting tired of 49ers and Sierras. It would be nice to see something new once in a while.

Harry KG5LO

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: DCrespy@aol.com
Subject: [819] Re: Results of the great BSA Troop 3 canoe trip
Message-ID: <199607121337.JAA28453@nss2.CC.Lehigh.EDU>

Forwarded to: ddn[qrp-1@lehigh.edu]
cc:
Comments by: C BAILEY@IS@211EIS
Comments:

I'm suprised no one has come up with this in their kits yet. Almost all military field gear and some field service test equipment are designed that way. Makes it easy. Ask those operating "in the field", or the cable TV service person. Drop the box, pop the lid, and away you go. I currently use ice chests as my portable boxes. I mount the geat front panels up. Drag the chest, pop the lid, and I'm ready.

In doing a kit, I challenge you do the following:

A pcb could have pots mounted right in the center of the board protruding out of the top of the case.

Remove the nuts from the knobs and the whole pcb can then be removed. The component side could be facing down, so adjustments could be made. This would save having to mount everything at right angles like we currently do.

For now....

I just put my rigs in a carry box with the rig turned 90 degrees so the knobs face the sky.

72

kt3a

----- [Original Message] -----

Mike,

About your comments on rig layout for portable operation..

> After this and other trips I think a different kind of rig might
>be called for. Consider this. The rig should have it's controls on the top
>surface, not the side. The side is fine for putting the rig on a shelf but
>in the field many times the rig is on the ground, the person sitting above
>it. It would be nice not to have so many peripherals, i.e. battery, keys,
>etc. All of these should be mounted in the box it's self. The box should be
>self closing. What I mean is that a lid should close off the box, with out
>connectors in the side. The lid could contain the antenna and earphones. On
>the top surface of the rig, after the lid is removed, is the controls,
>keys, antenna connections, etc. Any thoughts?

I think you have "struck a cord".. I guess we get preoccupied with having our rigs look like commercial gear, and loose track of how we use them. I have thought before about putting one in an old "ammo-box"..It would seal everthing up tight when closed.....I'm building a GM 30 kit this weekend.. Maybe???

Thanks for the new perspective.

Harry KG5LO

211 EIS, NCOIC ELECTRONICS

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Monte Stark <ku7y@sage.dri.edu>

Subject: [821] Re: Results of the great BSA Troop 3 canoe trip
Message-ID: <Pine.SUN.3.90.960712071634.14156B-1000000@vortex.sage.dri.edu>

I have also made equipment with all connections and controls facing up.

Here at work I made a test unit for the old cloud seeding generators. It included a radio, computer with LCD display, battery and charging system. It was all mounted in one of those nice little, (but costly), metal boxes you get from Jensen Tools.

Would grab that box, get out of the helicopter, stagger through the snow to get to the generator. No worry about the test box. It just sat on, (in), the snow and worked just fine!

Oh, it also had a DTMF pad on the panel. Now all I need is a little lap top. All this new tech stuff might be super in some ways, but there is no personality to a lap top! (How many of you have ever added a key to do this, a extra power supply voltage to do that and all the other things that let home brew equipment keep up with all the system changes?

Oh well, some things, (like freedom?), seem destined to run their course and become only a fond memory for some of us OF's!

And to think that I had to do the "Positive Mental Attitude" at ToastMasters last night!

Don't forget the big contest this weekend. Will make another post about it soon...

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [810] Re: Summer Ice Cream Social For All New England
Message-ID: <199607120823.IAA22043@chuck.dallas.sgi.com>

Dennis,

What do you mean the ice cream must be good at Kimball's!!
It's the best. Been there done that. I used to come to
your area frequently to Littleton/Acton area when I worked
for Alliant Computer Systems during the last sunspot max.

If I wasn't on the left coast for the next three weeks
then I'd be coming in your direction just for the meeting. :-)

I'll take one scoop to go. :-)

And yes I am up early.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO TMPS 1996 Qs=055 States=27 Confirmed=16 DX=02 (0.95W)
AL AZ CA CO DC DE FL GA IA IL IN MD MI MO
NC OH OK OR SD TN TX UT WA WI WV WY

From owner-qrp-l@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Steve Miller <kg7pv@teleport.com>
Subject: [804] RE: Tuna Tin 2
Message-ID: <1.5.4.32.19960712054442.00663cf8@mail.teleport.com>

>Thanks for the wonderful inclusion of the Tuna Tin 2
>in the June "QRPP". I too, read and re-read the
>article, though I did not get to build it. By the time
>I got the article, Radio Shack had discontinued the
>parts I needed. I may be tempted to play with one
>since you put the article in.....that is if I don't do
>a forty something first.

>

>

>72 de cameron, kt3a

>

The first homebrew I ever did was a Tuna Tin. Now I just gotta remember
where I stashed the little beauty and wait for the QRPP to arrive to re-live
all the fun of cutting a round piece of pc board! 73.

Steve Miller (CN-85) Norcal #308 QRP-L #109 (packet
kg7pv@k7iqi.or.usa.noam)
Oak Hills Spirit II, ant is 40 mtr dipole fed w/ladder line @ 45 feet

-

KG7PV TMPS 1996 Qs=25 States=14 Confirmed=0 Dx=02

AK CA CO KS NC NE NM PA SD TX UT VA WV WY JW OZ

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Dave.Ackrill@WESTWOOD45.powergen.co.uk
Subject: [807] RE: UK Power Limits
Message-ID: <960712060402Z*/G=Dave/S=Ackrill/O=WESTWOOD45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB/@MHS>

Just for the record,

It is possible to get special permits to run higher power than normally allowed over here. But normally for a particular band and for stated investigations and experiments, for example EME or FAI working.

So don't get surprised if you hear Moonbounce stations saying that they are using more power than they are "supposed" to, they MAY have a permit, then again they may not. Its up to the RA - the Radiocommunication Agency (the GPO "went" long ago over here HI!) to investigate and deal with alleged wrong doing, though the number of Policemen about who "know" the rules is amazing at times HI!

BTW you may also hear of the RIS (Radio Investigation Service), as I understand it, this is the part of the RA which collects information on what is happening on the bands and tries to sort out any problems. Its main role seems to be to do with Commercial uses of the electromagnetic spectrum, but it does get involved with Amateurs at times!

Cheers de Dave (G0DJA)

From owner-qrp-1@Lehigh.EDU Fri Jul 12 23:12:32 1996
From: Dave.Ackrill@WESTWOOD45.powergen.co.uk
Subject: [806] Re: Walking Paddle Tip
Message-ID: <960712060355Z*/G=Dave/S=Ackrill/O=WESTWOOD45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB/@MHS>

To stop my paddle wandering away from where it's supposed to be I use Blutack, which we get over here and is normally used to stick drawings/paintings (usually done by my children) to the wall etc.

The stuff is a bit like plastacine (which I guess would do as well) and you break a lump off the slab that you buy from the Stationers and roll it in your fingers until it's warm and then push a blob onto each foot or corner of the key and press the key onto the bench. A great advantage is that you can adjust for level, by adding more Blutack you can raise that keys, take some off to lower, and you can adjust for a tilt by pressing harder on one side or corner.

No commercial link with Blutack etc. etc...

While I'm on, anyone know if the 49er/OHR kits are available in the UK? If so via whom? If not anyone any advice on obtaining lists of kits and prices please?

Thanks all.

de Dave (G0DJA)